

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN113022\  
 Data File : BN022993.D  
 Acq On : 30 Nov 2022 19:26  
 Operator : CG/JU  
 Sample : N5730-09  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW4-20221117

Quant Time: Nov 30 23:03:17 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 30 00:45:21 2022  
 Response via : Initial Calibration

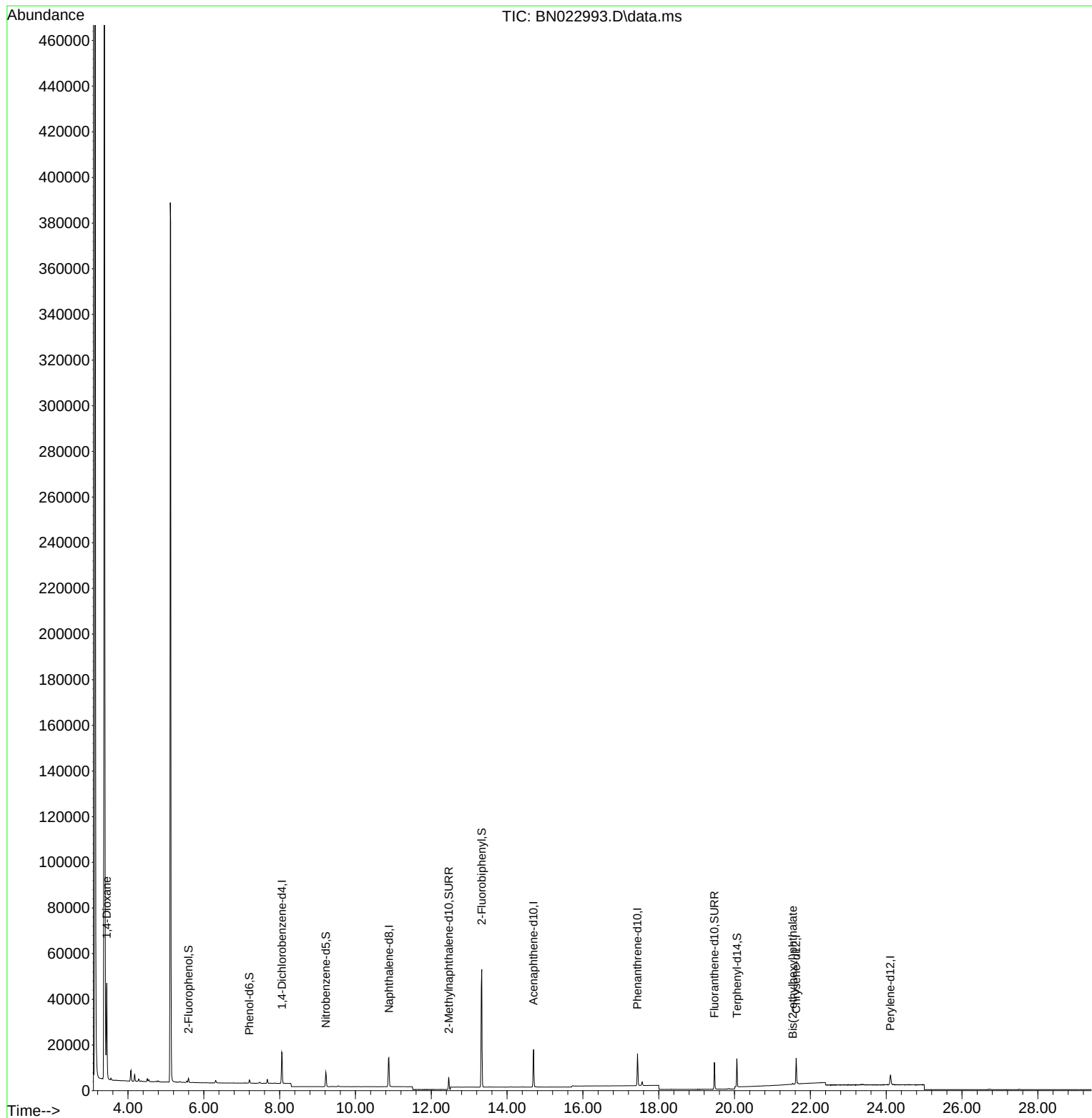
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.064  | 152  | 6421     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.883 | 136  | 17669    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.698 | 164  | 8796     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.439 | 188  | 17876    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.625 | 240  | 9802     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.112 | 264  | 6447     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.594  | 112  | 1440     | 0.086 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.204  | 99   | 1190     | 0.056 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.217  | 82   | 5030     | 0.366 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.461 | 152  | 9456     | 0.247 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.186 | 330  | 10       | 0.002 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.330 | 172  | 44959    | 1.117 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.469 | 212  | 12141    | 0.250 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.067 | 244  | 10753    | 0.467 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.442  | 88   | 24619    | 3.021 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.536 | 149  | 572      | 0.036 | ng    | # 96     |

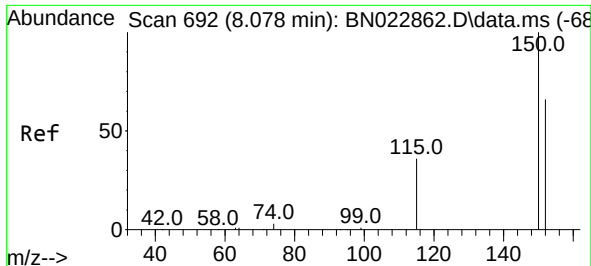
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN113022\  
Data File : BN022993.D  
Acq On : 30 Nov 2022 19:26  
Operator : CG/JU  
Sample : N5730-09  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RW4-20221117

Quant Time: Nov 30 23:03:17 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 30 00:45:21 2022  
Response via : Initial Calibration

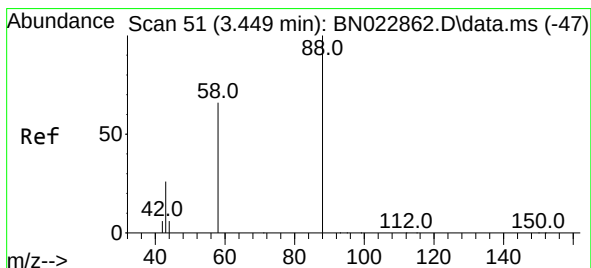
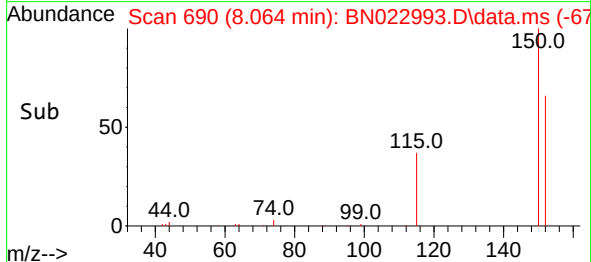
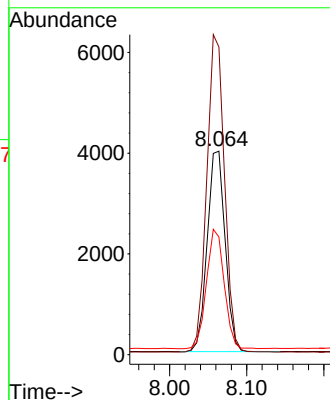
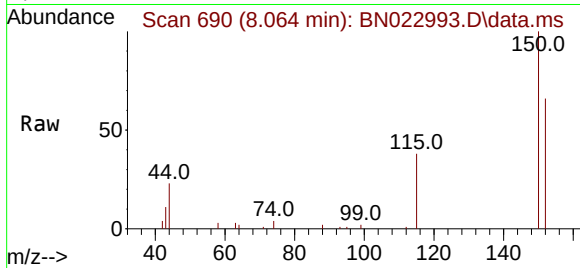




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.064 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN022993.D  
 Acq: 30 Nov 2022 19:26

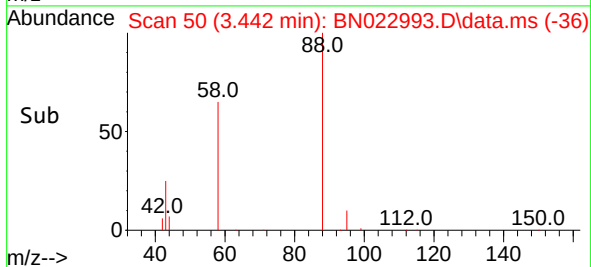
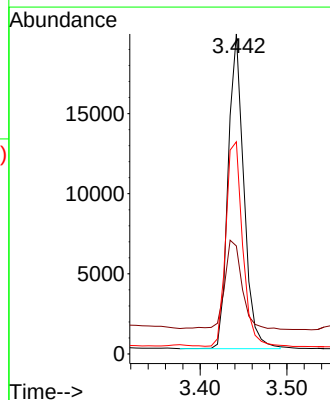
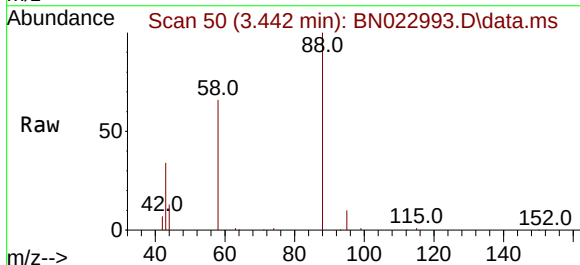
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 BNA\_N  
 ClientSampleId :  
 RW4-20221117

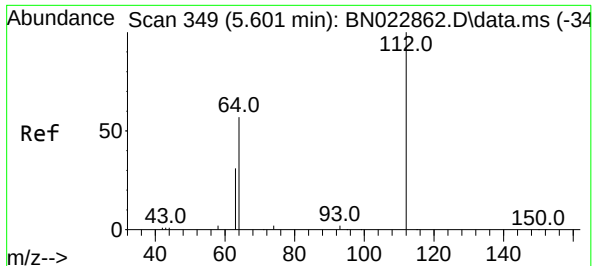
Tgt Ion:152 Resp: 6421  
 Ion Ratio Lower Upper  
 152 100  
 150 151.2 121.2 181.8  
 115 57.8 46.2 69.4



#2  
 1,4-Dioxane  
 Concen: 3.021 ng  
 RT: 3.442 min Scan# 50  
 Delta R.T. 0.000 min  
 Lab File: BN022993.D  
 Acq: 30 Nov 2022 19:26

Tgt Ion: 88 Resp: 24619  
 Ion Ratio Lower Upper  
 88 100  
 43 31.1 25.4 38.2  
 58 69.6 56.5 84.7

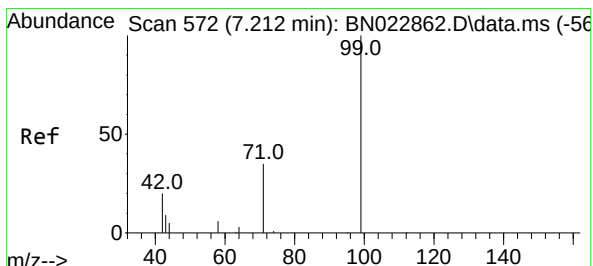
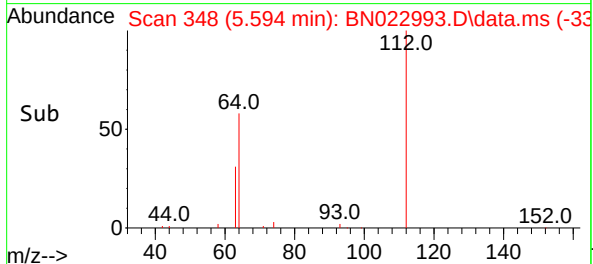
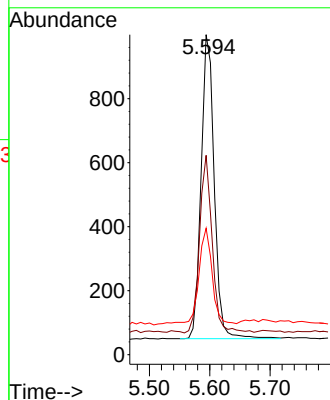
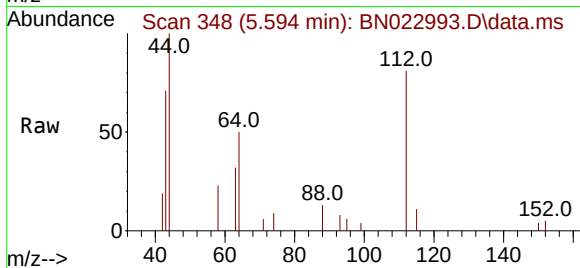




#4  
2-Fluorophenol  
Concen: 0.086 ng  
RT: 5.594 min Scan# 34  
Delta R.T. -0.007 min  
Lab File: BN022993.D  
Acq: 30 Nov 2022 19:26

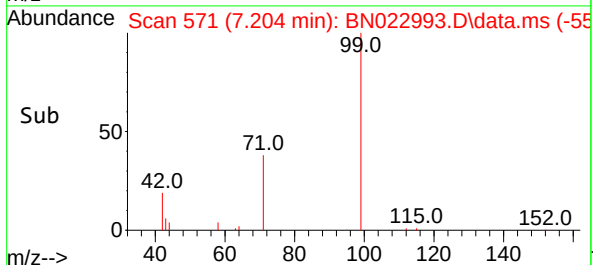
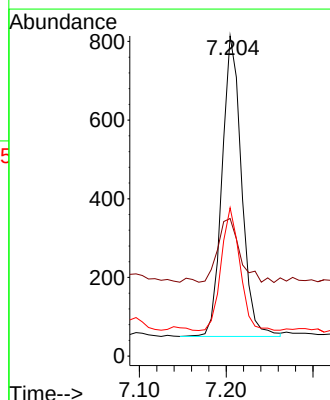
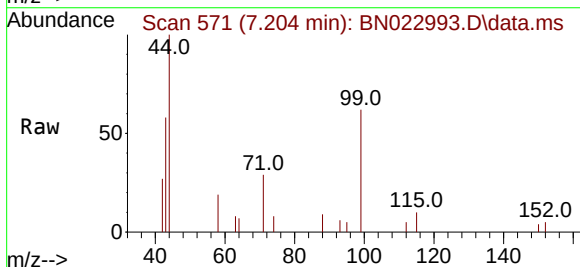
Instrument :  
BNA\_N  
ClientSampleId :  
RW4-20221117

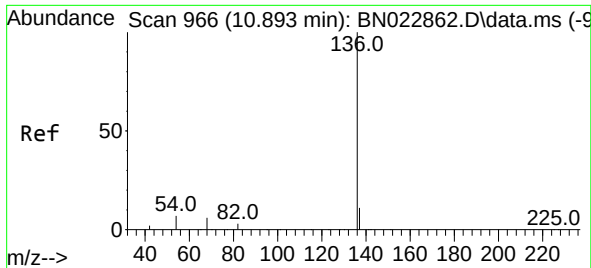
Tgt Ion:112 Resp: 1440  
Ion Ratio Lower Upper  
112 100  
64 56.5 43.4 65.2  
63 31.5 23.4 35.2



#5  
Phenol-d6  
Concen: 0.056 ng  
RT: 7.204 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: BN022993.D  
Acq: 30 Nov 2022 19:26

Tgt Ion: 99 Resp: 1190  
Ion Ratio Lower Upper  
99 100  
42 24.0 16.0 24.0#  
71 40.3 26.8 40.2#

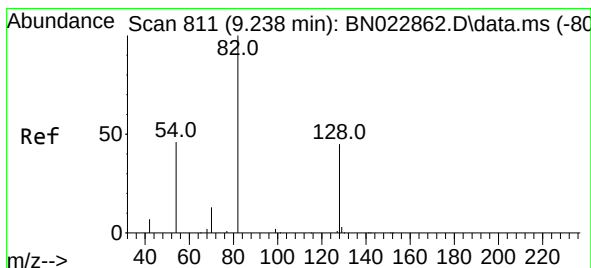
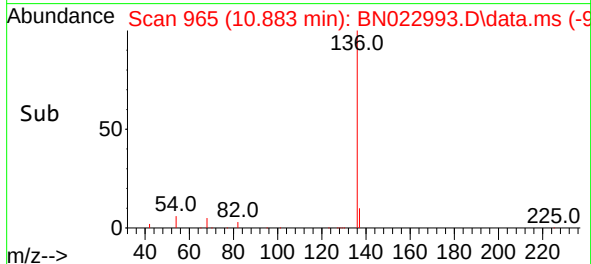
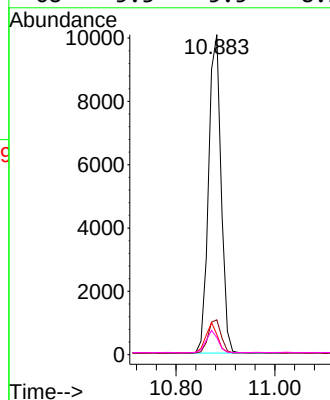
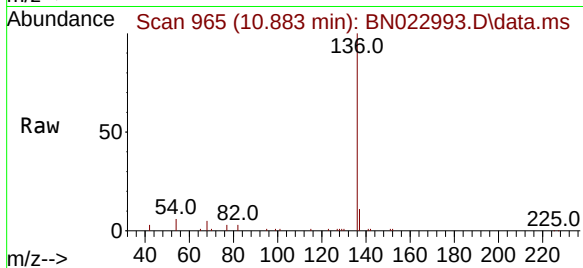




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.883 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BN022993.D  
Acq: 30 Nov 2022 19:26

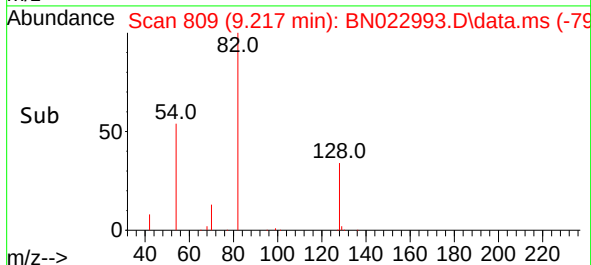
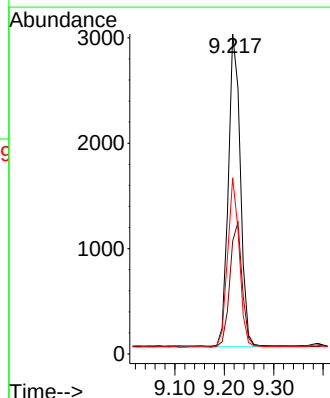
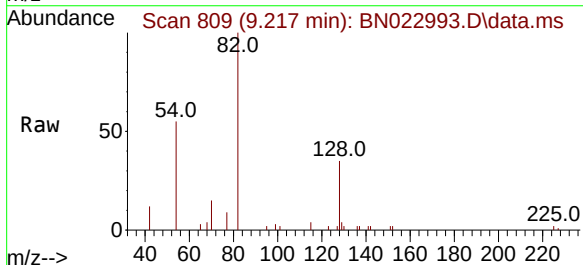
Instrument :  
BNA\_N  
ClientSampleId :  
RW4-20221117

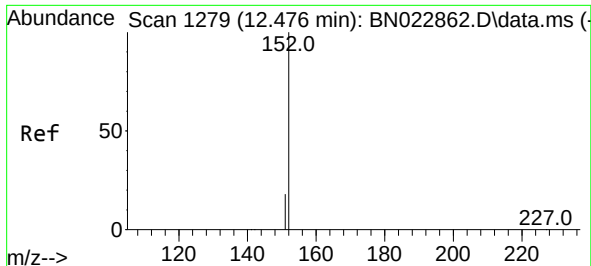
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 17669 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.9  | 9.0   | 13.4  |
| 54        | 6.3   | 6.6   | 9.8#  |
| 68        | 5.3   | 5.5   | 8.3#  |



#8  
Nitrobenzene-d5  
Concen: 0.366 ng  
RT: 9.217 min Scan# 809  
Delta R.T. -0.010 min  
Lab File: BN022993.D  
Acq: 30 Nov 2022 19:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 5030  |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 35.3  | 36.6  | 54.8# |
| 54        | 55.1  | 38.5  | 57.7  |

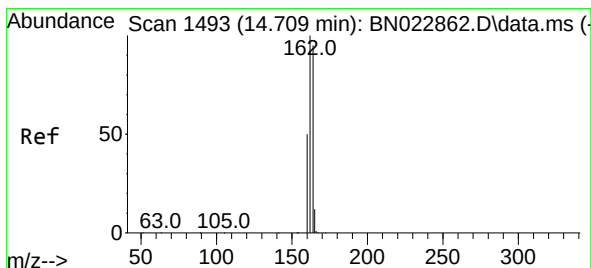
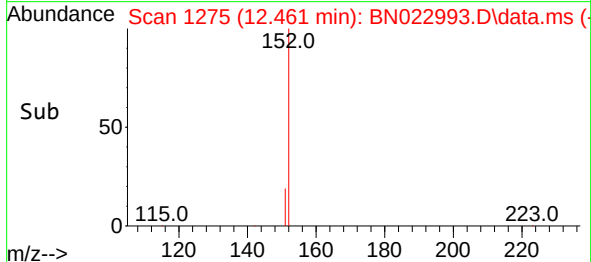
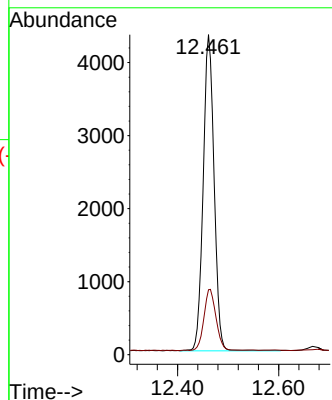
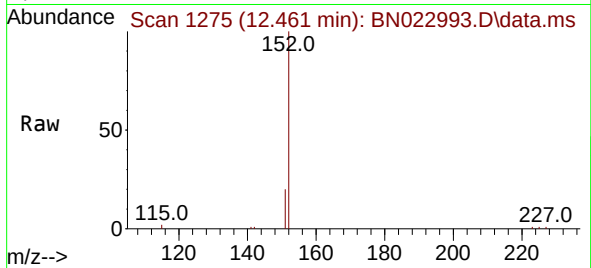




#11  
2-Methylnaphthalene-d10  
Concen: 0.247 ng  
RT: 12.461 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN022993.D  
Acq: 30 Nov 2022 19:26

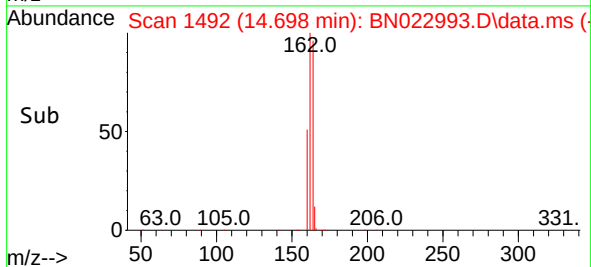
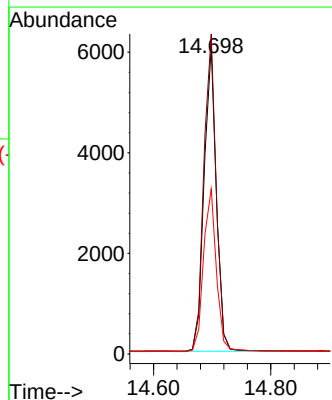
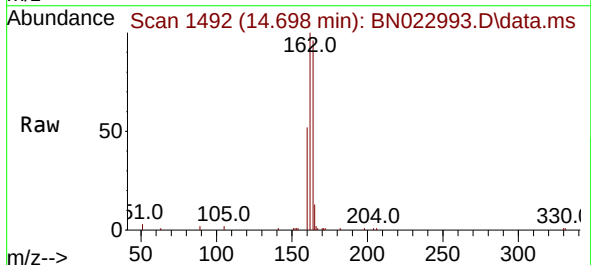
Instrument :  
BNA\_N  
ClientSampleId :  
RW4-20221117

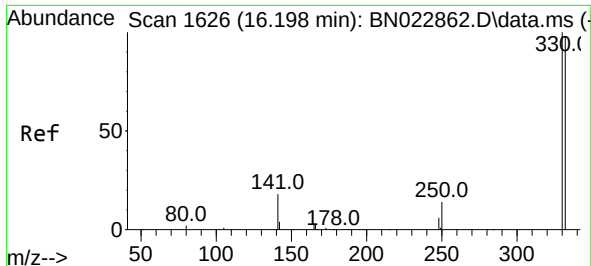
Tgt Ion:152 Resp: 9456  
Ion Ratio Lower Upper  
152 100  
151 17.9 18.6 27.8#



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.698 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: BN022993.D  
Acq: 30 Nov 2022 19:26

Tgt Ion:164 Resp: 8796  
Ion Ratio Lower Upper  
164 100  
162 104.1 84.2 126.4  
160 53.6 42.5 63.7

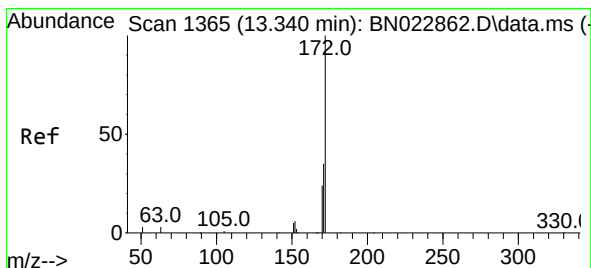
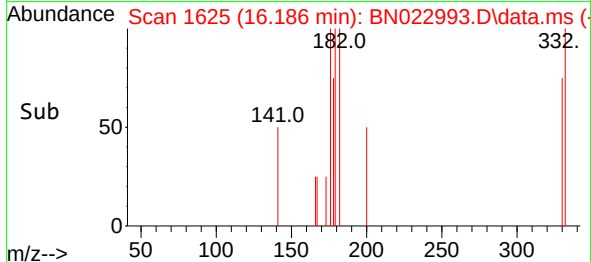
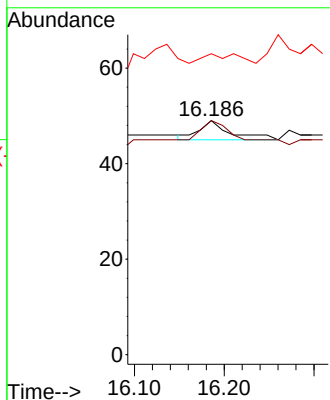
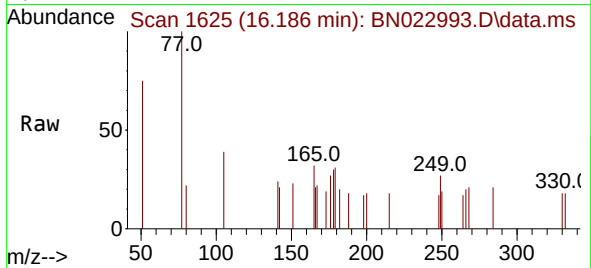




#14  
2,4,6-Tribromophenol  
Concen: 0.002 ng  
RT: 16.186 min Scan# 1625  
Delta R.T. 0.000 min  
Lab File: BN022993.D  
Acq: 30 Nov 2022 19:26

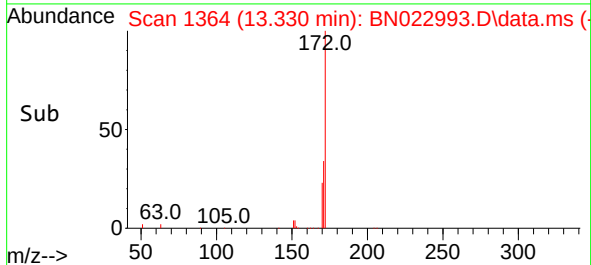
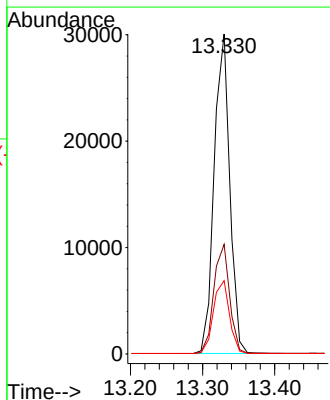
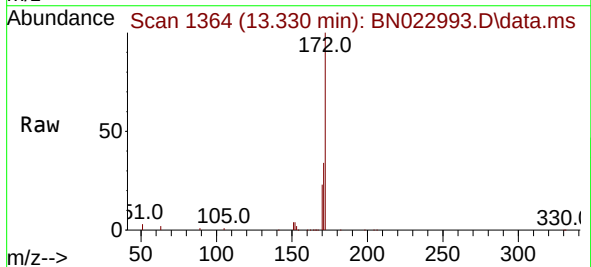
Instrument :  
BNA\_N  
ClientSampleId :  
RW4-20221117

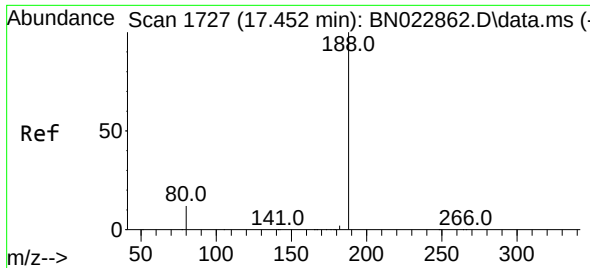
Tgt Ion:330 Resp: 10  
Ion Ratio Lower Upper  
330 100  
332 140.0 76.5 114.7#  
141 50.0 32.6 48.8#



#15  
2-Fluorobiphenyl  
Concen: 1.117 ng  
RT: 13.330 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: BN022993.D  
Acq: 30 Nov 2022 19:26

Tgt Ion:172 Resp: 44959  
Ion Ratio Lower Upper  
172 100  
171 34.2 28.2 42.4  
170 22.9 19.3 28.9

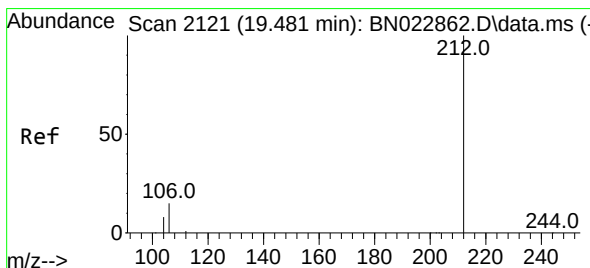
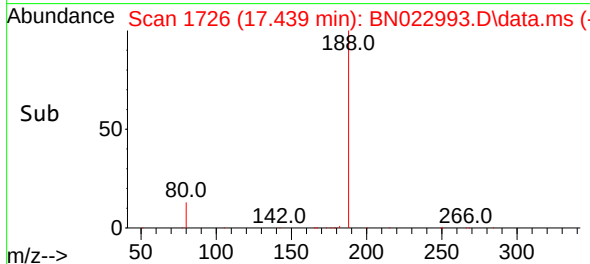
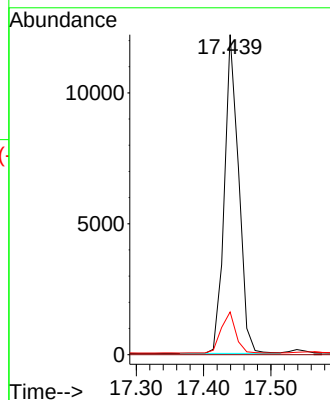
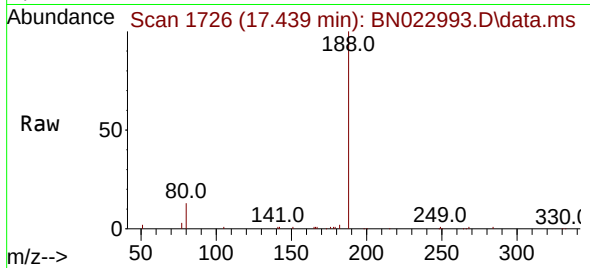




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.439 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN022993.D  
Acq: 30 Nov 2022 19:26

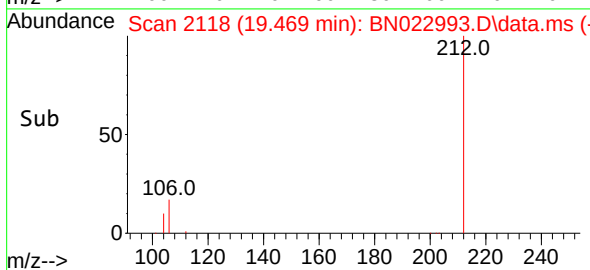
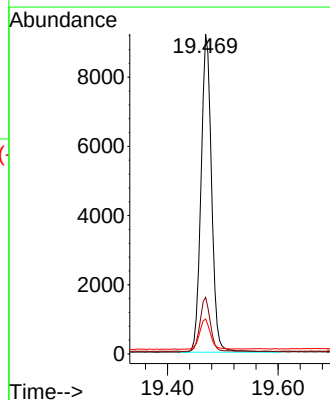
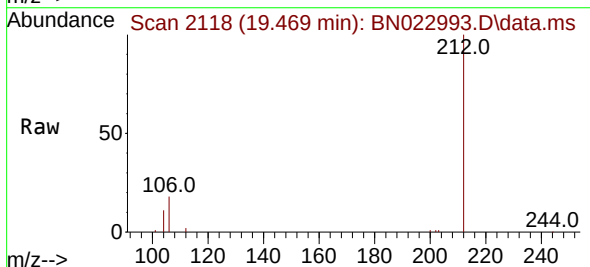
Instrument :  
BNA\_N  
ClientSampleId :  
RW4-20221117

Tgt Ion:188 Resp: 17876  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.4 10.3 15.5

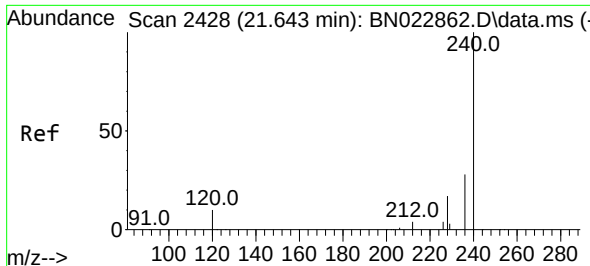


#27  
Fluoranthene-d10  
Concen: 0.250 ng  
RT: 19.469 min Scan# 2118  
Delta R.T. -0.004 min  
Lab File: BN022993.D  
Acq: 30 Nov 2022 19:26

Tgt Ion:212 Resp: 12141  
Ion Ratio Lower Upper  
212 100  
106 16.7 12.3 18.5  
104 9.7 7.0 10.4



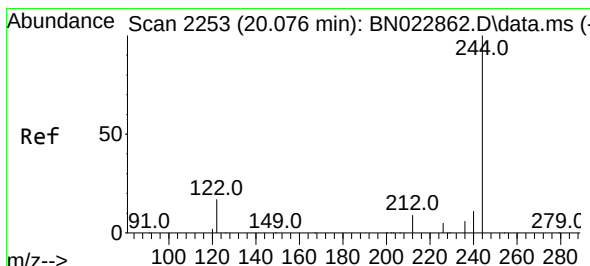
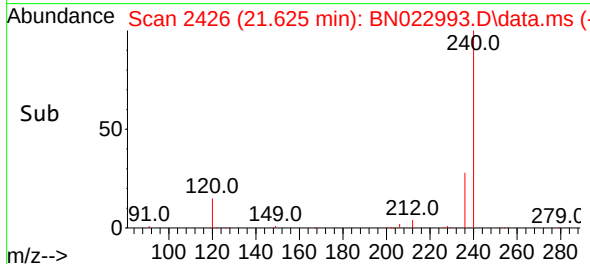
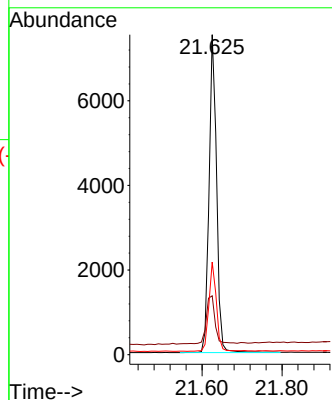
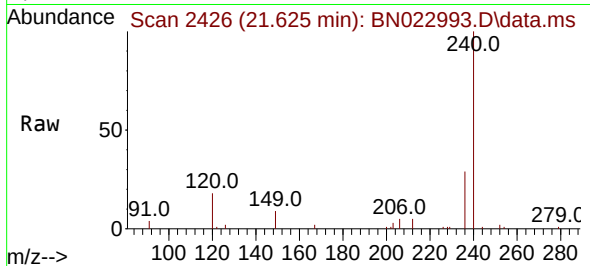




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.625 min Scan# 2426  
Delta R.T. -0.004 min  
Lab File: BN022993.D  
Acq: 30 Nov 2022 19:26

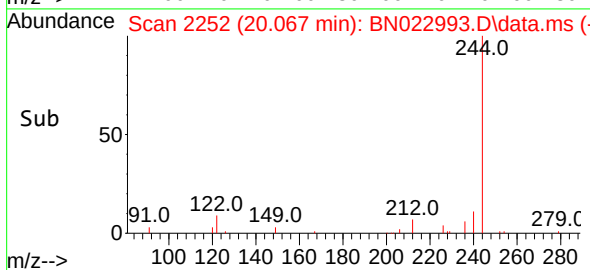
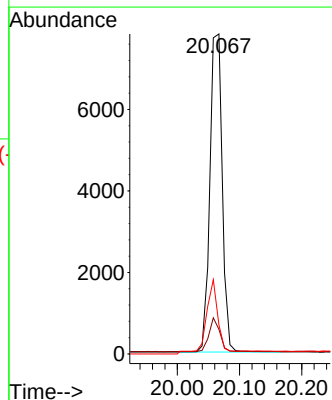
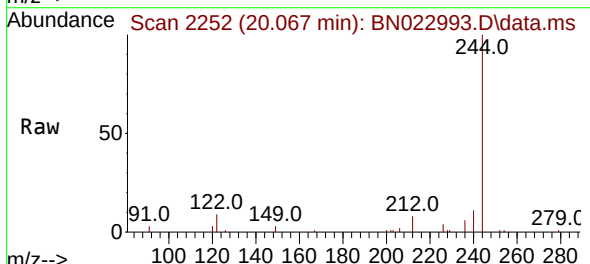
Instrument :  
BNA\_N  
ClientSampleId :  
RW4-20221117

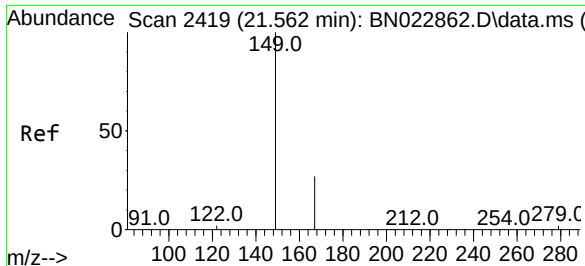
Tgt Ion:240 Resp: 9802  
Ion Ratio Lower Upper  
240 100  
120 18.4 9.2 13.8#  
236 29.0 22.6 34.0



#31  
Terphenyl-d14  
Concen: 0.467 ng  
RT: 20.067 min Scan# 2252  
Delta R.T. 0.005 min  
Lab File: BN022993.D  
Acq: 30 Nov 2022 19:26

Tgt Ion:244 Resp: 10753  
Ion Ratio Lower Upper  
244 100  
212 7.7 7.9 11.9#  
122 9.1 13.9 20.9#

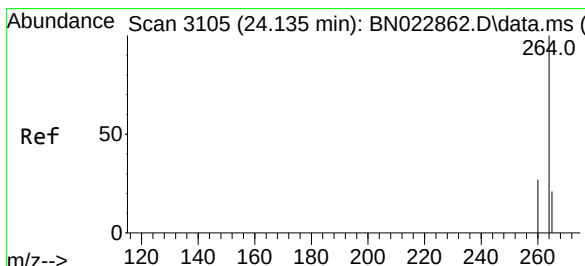
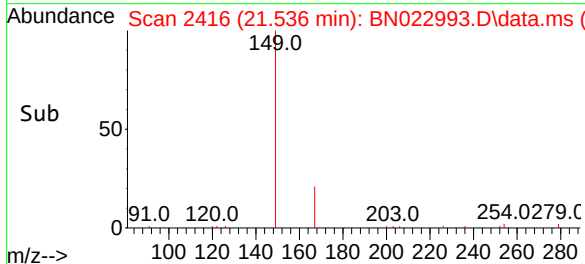
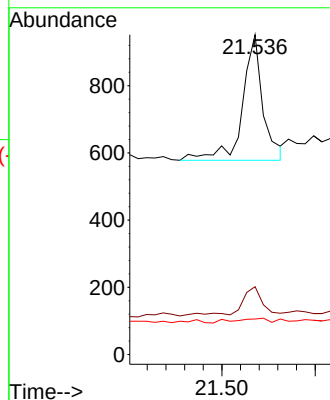
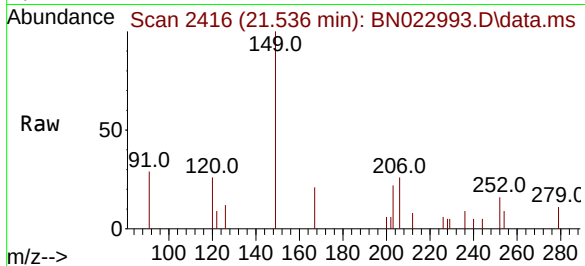




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.036 ng  
 RT: 21.536 min Scan# 2416  
 Delta R.T. -0.004 min  
 Lab File: BN022993.D  
 Acq: 30 Nov 2022 19:26

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW4-20221117

Tgt Ion:149 Resp: 572  
 Ion Ratio Lower Upper  
 149 100  
 167 24.7 21.3 31.9  
 279 5.8 2.3 3.5#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.112 min Scan# 3097  
 Delta R.T. -0.001 min  
 Lab File: BN022993.D  
 Acq: 30 Nov 2022 19:26

Tgt Ion:264 Resp: 6447  
 Ion Ratio Lower Upper  
 264 100  
 260 27.7 21.7 32.5  
 265 70.0 31.0 46.4#

